

SESSION **XXVIII**  
ENVIRONMENTAL MANAGEMENT SYSTEMS/  
P2 MANAGEMENT .

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## **Environmental Inventory Management (EIM)**

### ***What is EIM?***

Environmental Inventory Management (EIM) is a suite of integrated environmental security management modules for use by personnel at DoD installations. EIM consists of seven modules defined by the following functional areas: Hazardous Substance Management, Air Quality Management, Water Quality Management, Tank Management, Toxic Management, Solid Waste Management and Pest Management. These modules will enable personnel to fulfill their day-to-day data requirements, support their corporate reporting needs (through Environmental Security Corporate Reporting Suite) as well as address certain Federal, State and local government reporting requirements.

EIM will interface with automated information systems (AIS) for such business areas as safety and occupational health, logistics, personnel management, and finance. Since the EIM suite of modules operates on an integrated database, values for data elements that are common to two or more modules need only be entered once, therefore reducing the workload and the chances for data entry error.

### ***What are the ES management areas of EIM?***

#### ***Hazardous Substance Management (HSM)***

The Hazardous Substance Management (HSM) Module is designed to assist commanders and managers in: receiving, storing, distributing, and tracking hazardous materials; tracking and managing the emissions and wastes that are generated when hazardous materials are used; and keeping accurate records of all related processes. The HSM module will maintain an inventory of all hazardous chemicals contained in hazardous materials stored and used, in the emissions that are generated during use, and the wastes generated and containerized. It will produce the necessary federal, state, and local required environmental and management reports. This module is based on and supports the step-by-step ES management business practices of all of the Military Services and Defense Agencies. It fully supports DoD depot maintenance activities and the high volume use of hazardous materials found in those operations.

#### ***Water Quality Management (WQM)***

The Water Quality Management (WQM) module consists of four sub modules that support Wastewater, Industrial Pretreatment, Stormwater and Potable operations. These sub modules compile and track compliance information in support of the Clean Water Act (CWA) and the Safe Drinking Water Act, including National Pollutant Discharge Elimination System (NPDES) permits. The primary purpose of WQM Module is to conduct day-to-day data collection for use in monitoring, evaluating, and adjusting throughput and parameters as required to ensure compliance with Federal, State, Local, and Department of Defense (DoD)-specific regulations. The intended user community will consist of water/wastewater treatment plant operators, compliance officers, supervisors and other responsible parties at DoD military bases and installations.

#### ***Air Quality Management (AQM)***

The Air Quality Management (AQM) module will track air emissions, recordkeeping, and reporting data in compliance with the Clean Air Act. At a minimum, it will track air emission inventories,

Title V and other permitting; New Source Reviews; National Emissions Standards for Hazardous Air Pollutants (NESHAPs); and ozone depleting substances (ODS).

*Tank Management*

The Tank Management module will track compliance and other data for underground and above ground storage tanks, including historical data and information related to the physical characteristics, compliance status, testing of tanks.

*Solid Waste Annual Reporting System (SWARS)*

The Solid Waste Annual Reporting System (SWARS) tracks collection, disposal, recycling and cost data and maintains historical records. Graphical trend analysis assists in proactive compliance with Corporate Measures of Merit

*Pest Tracking Management*

The Integrated Pest Management Information System (IPMIS) is used by installation pest managers to track information related to the application of pesticides. The module maintains historical records and creates reports on applicator certification information, pesticide pounds of active ingredient, and pesticide management tasks.

*Toxic Substances Management*

The Toxic Substances Management System module will be used to track substances under the Toxic Substance Control Act such as asbestos, lead based paint (LBP) and radon. This module will assist installation managers in identifying potential hazards.

The first increment of EIM will be released to the Military Services and Defense Agencies beginning in the 2<sup>nd</sup> Quarter (FY) 1999. The first increment of EIM will include Hazardous Substance Management, Water Quality Management, limited Air Quality Management, and Tank Management.